



# MONTHLY UPDATE

TOOELE CHEMICAL AGENT DISPOSAL FACILITY

April 24, 2014



*(top) A photo of the Tooele Chemical Agent Disposal Facility taken in October 2013, shows what the area looked like before demolition operations began in January 2014. (bottom) Nearly four months later, the main processing building and various support structures are now gone. The first phase of the demolition project, which includes structures and equipment covered by the facility's Resource Conservation and Recovery Act operating permit, is anticipated to be complete in June.*

## Going, going, almost gone

In less than 4 months, crews have demolished most of the above ground structures within the Tooele Chemical Agent Disposal Facility (TOCDF) demolition zone. Demolition started on January 9 as heavy equipment tore down the metal enclosures surrounding the TOCDF emergency generators. Since then, most structures have been completely dismantled and removed, while the Munition Demilitarization Building (MDB) is merely a pile of rubble in which crews are busy segregating and preparing the debris for off-site shipment.

In addition to the work being done on the TOCDF, workers have also moved onto the Area 10 Liquid Incinerator (ATLIC) located in the depot's munition

storage area. The ATLIC office buildings, generators, Pollution Abatement System (PAS) and other equipment have been removed. Crews have also razed the large PAS enclosure, leaving only a concrete pad, which will soon be demolished.

"Overall, demolition is progressing quite well and we are ahead of schedule," said Randy Fowles, URS demolition project manager. "Most of the time-consuming work is now done. The most difficult item remaining is the MDB concrete slab."

Throughout demolition operations, an estimated 50,000 tons of debris will be generated. As structures and equipment are torn down, the debris is (See TOCDF DEMOLITION page 2)



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## TOCDF Demolition Debris Shipment Details

(as of April 20, 2014)

Type	Tons	Loads
Hazardous waste	11,489	729
Non-hazardous waste	975	72
Recyclable material	3,057	249
Total	15,521	1,050

### TOCDF Demolition

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segregated, size-reduced and staged to facilitate proper packaging for off-site shipment. As of April 20, a total of 1,050 loads of more than 15,521 tons of waste have been shipped off-site for disposal.

The vast majority of debris is classified as hazardous waste and as such is shipped off-site to a certified hazardous waste landfill. The non-hazardous waste can simply be sent to a municipal landfill, while other items—ferrous and non-ferrous metals from outside of the agent processing areas—are sent to a smelter for recycling.

Demolition efforts are first focused on the structures and equipment covered by the TOCDF Resource Conservation and Recovery Act (RCRA) operating permit—including structures and their concrete foundations, furnaces, the PAS and PAS Filtration System to name a few. This phase of the project is expected to be complete in June. Then crews will move onto the final phase as they begin to demolish non-RCRA related structures, such as monitoring houses and various support buildings previously used for office staff. Total demolition is expected to be complete by mid-Aug.



*Before and after photos of the Tooele Chemical Agent Disposal Facility (above) and the Area Ten Liquid Incinerator show the dramatic changes that have taken place since January. Demolition activities are moving quickly and are expected to be fully complete by August.*



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